

ABSTRACT OF THE DISCLOSURE

The differential limiting control apparatus having a clutch unit interposed between one rotational shaft and the other rotational shaft for variably transmitting a driving force between the one rotational shaft and the other rotational shaft, having: a feedback control unit for computing the clutch torque on basis of vehicle behaviors through a feedback control, a feed forward control unit for computing the clutch torque based on the behaviors through feed forward control, a tire diameter difference computing unit for computing a diameter difference of a tire, and a clutch torque computing unit for computing a final clutch torque by changing a ratio of the clutch torque obtained through the feedback control and a clutch torque obtained through the feed forward control so as to appropriately decide the feed forward control by effectively suppress the tire slip while avoiding the occurrence of the internal circulation of the torque.